

Product datasheet

Anti-FbxO6 antibody ab172492

1 Image

Overview

Product name	Anti-FbxO6 antibody
Description	Mouse polyclonal to FbxO6
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein corresponding to Human FbxO6 aa 1-293. (NP_060908.1)

Sequence:

```
MDAPHSKAALDSINELPENILLELFTHVPARQLLLNCRL
VCSLWRDLIDL
MTLWKRKCLREGFITKDWDQPVADWKIFYFLRSLHRN
LLRNPCAEEEDMFA
WQIDFNGGDRWKVESLPGAHGTDFFDPKVKKYFVTS
YEMCLKSQLVDLVA
EGWEEELDTFRPDMVKDWFAARADCGCTYQLKVQL
ASADYFVLASFEP
PPVTIQQWNNATWTEVSYTFSDYPRGVRYILFQHGGRD
TQYWAGWYGPRV
TNSSIVSPKMTRNQASSEAQPGQKHGQEEAAQSPY
RAVVQIF
```

Database link: [Q9NRD1](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control	FbxO6-transfected 293T cell lysate.
-------------------------	-------------------------------------

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab172492** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 34 kDa.

Target

Function

Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complexes. Involved in endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Able to recognize and bind denatured glycoproteins, which are modified with not only high-mannose but also complex-type oligosaccharides. Also recognizes sulfated glycans. Also involved in DNA damage response by specifically recognizing activated CHEK1 (phosphorylated on 'Ser-345'), promoting its ubiquitination and degradation. Ubiquitination of CHEK1 is required to insure that activated CHEK1 does not accumulate as cells progress through S phase, or when replication forks encounter transient impediments during normal DNA replication.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

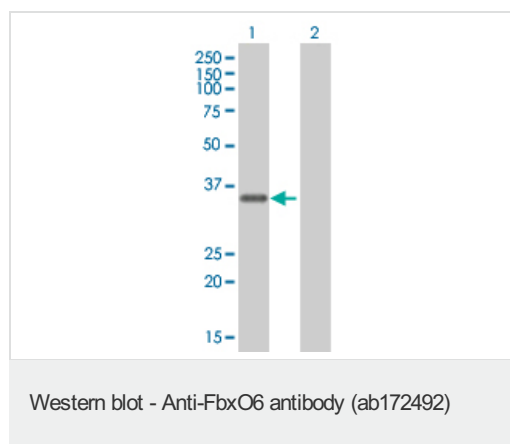
Contains 1 F-box domain.

Contains 1 FBA (F-box associated) domain.

Cellular localization

Cytoplasm.

Images



All lanes : Anti-FbxO6 antibody (ab172492) at 1/500 dilution

Lane 1 : FbxO6-transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Developed using the ECL technique.

Predicted band size: 34 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors